

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/581,354  
Source: IFWP  
Date Processed by STIC: 6/19/06

# ***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 10581354

CRF Edit Date: 6/19/06  
Edited by: [signature]

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

\_\_\_ Deleted: invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



IFWP

## RAW SEQUENCE LISTING

DATE: 06/19/2006

PATENT APPLICATION: US/10/581,354

TIME: 11:38:20

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06192006\J581354.raw

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4     CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
5     UNIVERSITE PARIS 7
6     VAN DER WERF, Sylvie
7     ESCRIOU, Nicolas
8     CRESCENZO-CHAIGNE, Bernadette
9     MANUGUERRA, Jean-Claude
10    KUNST, Franck
11    CALLENDRET, Benoit
12    BETTON, Jean-Michel
13    LORIN, Valerie
14    GERBAUD, Sylvie
15    BURGUIERE, Ana Maria
16    AZEBI, Saliha
17    CHARNEAU, Pierre
18    TANGY, Frederic
19    COMBREDET, Chantal
20    DELAGNEAU, Jean-Francois
21    MARTIN, Monique
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STRAIN OF
24    SARS-ASSOCIATED CORONAVIRUS
26 <130> FILE REFERENCE: 226-111ext
C--> 28 <140> CURRENT APPLICATION NUMBER: US/10/581,354
C--> 28 <141> CURRENT FILING DATE: 2006-06-02
28 <150> PRIOR APPLICATION NUMBER: FR 0314152
29 <151> PRIOR FILING DATE: 2003-12-02
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214	gttcaacttc	gtgttattgg	ccattctatg	caaaattgtc	tgttaggct	taaagttgat	10260
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216	tcagttctag	catgctacaa	tggttcacca	tctgggtgtt	atcagtggtc	catgagacct	10380
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220	gctgcaggta	cagacacaac	cataacatta	aatgttttgg	catggctgta	tgtgtctggt	10620
221	atcaatgggt	atagggtggt	tcttaataga	ttcaccacta	ctttgaatga	ctttaacctt	10680
222	gtggcaatga	agtacaacta	tgaacctttg	acacaagatc	atgttgacat	attgggacct	10740
223	ctttctgtct	aaacaggaat	tgcctcttta	gatatgtgtg	ctgctttgaa	agagctgctg	10800
224	cagaatggta	tgaatggtcg	tactatcctt	ggtagcacta	ttttagaaga	tgagtttaca	10860
225	ccatttgatg	ttgttagaca	atgctctggg	gttaccttcc	aaggtaagtt	caagaaaatt	10920
226	gttaagggca	ctcatcattg	gatgctttta	actttcttga	catcactatt	gattcttggt	10980
227	caaagtacac	agtggctact	gtttttcttt	gtttacgaga	atgctttctt	gccatttact	11040
228	cttggtatta	tggcaattgc	tgcagtgtgt	atgctgcttg	ttaagcataa	gcacgcattc	11100
229	ttgtgcttgt	ttctgttacc	ttctcttgca	acagttgctt	actttaatat	ggctctacatg	11160
230	cctgctagct	gggtgatgct	tatcatgaca	tggcttgaat	tggctgacac	tagcttgtct	11220
231	ggttataggt	ttaaggattg	tgttatgtat	gcttcagctt	tagttttgct	tattctcatg	11280
232	acagctcgca	ctgtttatga	tgatgctgct	agacgtgttt	ggacactgat	gaatgtcatt	11340
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238	tctacacaag	aatttaggta	tatgaactcc	caggggcttt	tgcctcctaa	gagtagtatt	11700
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241	cttcaacaac	ttagagtaga	gtcatcttct	aaattgtggg	cacaatgtgt	acaactccac	11880
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245	gcttatgcca	ctgcccagga	ggcctatgag	caggctgtag	ctaaggtgga	ttctgaagtc	12120
246	gttctcaaaa	agttaaagaa	atctttgaat	gtggctaaat	ctgagtttga	ccgtgatgct	12180
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## VERIFICATION SUMMARY

DATE: 06/19/2006

PATENT APPLICATION: US/10/581,354

TIME: 11:38:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06192006\J581354.raw

L:28 M:270 C: Current Application Number differs, Replaced Current Application No  
L:28 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:551 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:549  
L:1189 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:1187  
L:1302 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1302 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:1301  
L:1382 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:1380  
L:1443 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:1441  
L:1609 M:283 W: Missing Blank Line separator, <400> field identifier  
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L:1746 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:25,Line#:1744  
L:1801 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:27,Line#:1799  
L:1854 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:29,Line#:1852  
L:2341 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:36,Line#:2339  
L:4213 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4337 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4391 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4522 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4883 M:283 W: Missing Blank Line separator, <400> field identifier  
L:5077 M:283 W: Missing Blank Line separator, <400> field identifier



**Raw Sequence Listing before editing  
(for reference only)**



IFWP

## RAW SEQUENCE LISTING

DATE: 06/14/2006

PATENT APPLICATION: US/10/581,354

TIME: 10:08:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06142006\J581354.raw

3 <110> APPLICANT: INSTITUT PASTEUR  
 4 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 5 UNIVERSITE PARIS 7  
 6 VAN DER WERF, Sylvie  
 7 ESCRIOU, Nicolas  
 8 CRESCENZO-CHAIGNE, Bernadette  
 9 MANUGUERRA, Jean-Claude  
 10 KUNST, Franck  
 11 CALLENDRET, Benoit  
 12 BETTON, Jean-Michel  
 13 LORIN, Valerie  
 14 GERBAUD, Sylvie  
 15 BURGUIERE, Ana Maria  
 16 AZEBI, Saliha  
 17 CHARNEAU, Pierre  
 18 TANGY, Frederic  
 19 COMBREDT, Chantal  
 20 DELAGNEAU, Jean-Francois  
 21 MARTIN, Monique  
 23 <120> TITLE OF INVENTION: USE OF PROTEINS AND PEPTIDES CODED BY THE GENOME OF A NOVEL  
 STRAIN OF  
 24 SARS-ASSOCIATED CORONAVIRUS  
 26 <130> FILE REFERENCE: 226-111ext  
 C--> 28 <140> CURRENT APPLICATION NUMBER: US/10/581,354  
 C--> 28 <141> CURRENT FILING DATE: 2006-06-02  
 28 <150> PRIOR APPLICATION NUMBER: FR 0314152  
 29 <151> PRIOR FILING DATE: 2003-12-02  
 31 <150> PRIOR APPLICATION NUMBER: FR 0314151  
 32 <151> PRIOR FILING DATE: 2003-12-02  
 34 <160> NUMBER OF SEQ ID NOS: 158  
 36 <170> SOFTWARE: PatentIn version 3.1

**Does Not Comply  
 Corrected Diskette Needed**

## ERRORED SEQUENCES

5241 <210> SEQ ID NO: 158  
 5242 <211> LENGTH: 45  
 5243 <212> TYPE: DNA  
 5244 <213> ORGANISM: Artificial sequence  
 5246 <220> FEATURE:  
 5247 <223> OTHER INFORMATION: PCR primer  
 5249 <400> SEQUENCE: 158  
 5250 ataggatccg cgcgctcatt atttatcgtc gtcaccttta taatc  
 E--> 5257 1

45

## VERIFICATION SUMMARY

DATE: 06/14/2006

PATENT APPLICATION: US/10/581,354

TIME: 10:08:36

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06142006\J581354.raw

L:28 M:270 C: Current Application Number differs, Replaced Current Application No  
L:28 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:551 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:549  
L:1189 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:1187  
L:1302 M:283 W: Missing Blank Line separator, <400> field identifier  
L:1302 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:1301  
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L:1670 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:23,Line#:1668  
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L:4391 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4522 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4683 M:283 W: Missing Blank Line separator, <400> field identifier  
L:5077 M:283 W: Missing Blank Line separator, <400> field identifier  
L:5257 M:254 E: No. of Bases conflict, this line has no nucleotides.